FOIL and Factor pop quiz (version 24)

FOIL the expressions shown below:

1. $(x-3)(x-2)$

$$x^2 - 5x + 6$$

2. $(x+1)(x-7)$

$$x^2 - 6x - 7$$

3. $(x-1)(x-1)$

$$x^2 - 2x + 1$$

4. $(x-2)(x+8)$

$$x^2 + 6x - 16$$

5. $(x-5)(x+7)$

$$x^2 + 2x - 35$$

Factor the expressions shown below:

6. $x^2 + 7x - 18$

$(x - 2)(x + 9)$

7. $x^2 - 3x - 10$

$(x + 2)(x - 5)$

8. $x^2 + x - 20$

$(x + 5)(x - 4)$

9. $x^2 - 3x - 28$

$(x - 7)(x + 4)$

10. $x^2 - 4x - 45$

$(x + 5)(x - 9)$